67617
Impact Melt Breccia
14.3 grams

Introduction
67617 is a moderately coherent impact melt breccia that was collected as a rake sample from the rim of North Ray Crater (NRC) – see section on 67601 (figures 1 and 2). It has zap pits on one surface.

Petrography
67617 has abundant plagioclase clasts held in a recrystallized, now-poikilitic matrix (Ryder and Norman 1980). Steele and Smith (1973) analyzed the pyroxene (figure 4) and the plagioclase An$_{90-97}$.

Chemistry
None reported

Radiogenic age dating
None

Processing
There are two thin sections.
Figure 3: Thin section photomicrograph of 67617. Field of view is 2 mm.
Figure 4: Pyroxene and olivine composition of 67617 and other Apollo 16 rake samples as per Steele and Smith (1973).

References for 67617


Ryder G. and Norman M.D. (1980) Catalog of Apollo 16 rocks (3 vol.). Curator’s Office pub. #52, JSC #16904

Smith J.V. and Steele I.M. (1972c) Apollo 16 rake samples 67515 to 68537: Sample classification, description and inventory. Curator Catalog, JSC

